BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Name of Work: Improvements to Roads at 8th Main & 3rd Cross of Bhuvaneshwari Nagara Bagalagunte Ward No 14

			Est. Cost Rs				10.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 500-2: Cleaning the existing **black topped surface** with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. Specification No. KRBS 500-1 MORTH Chapter 5 **Page No. 160/ Item No. 21.2/ PWD SR 2015-16**								
		Sqm	1	196.00	7.00		1372.00		
							1372.00	3.24	4445.00
	Basic Rate	3.00							
	Add Area Weightage 8%	0.24							
	Total	3.24							
2	KSRRB 500-7: Providing and applying **tack coat on the prepared black topped** surfaces at 5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 Page No. 160/ Item No. 21.7/ PWD SR 2009-10								
		Sqm	1	196.00	7.00		1372.00		
							1372.00	15.12	20745.00
	Basic Rate	14.00							
	Add Area Weightage 8%	1.12							
	Total	15.12							
3	Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75mm compacted thickness with 3.3% bitumen but excluding the cost of primer/tack coat with lead incl. cost of all materials, labour, HOM of machineries complete as per specifications with 80/100 grade bitumen using 40/60TPH capacity H.M.P with Mechanical paver Gr II (50/75mm) with 3.3% VG-30 Bitumen as per the directions of Engineer-in-charge of the work (PWDSR 2015-16, P.No.161, I No.21.11.6)								

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Cum	1	196.00	7.00	0.05	68.60		
	Basic Rate	5735.00					68.60	6193.80	424895.00
	Add Area Weightage 8%	458.80							
	Total	6193.80							
4	Providing and laying **bituminous concrete** with hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder and filter transporting the hot mix to work site laying with paver finisher to the required grade, level and alignment. rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORTH Speicification clause no 500.9 complete in all respects complete as per specification no 509. using 40/60 TPH Capacity H.M.P With Mechanical paver Gr-II (30 mm to 45 mm) with 6% VG-30 Bitumen (p-164, lt 21.22.6) PWD SR 2015-16								
		Cum	1	196.00	7.00	0.04	54.88		
							54.88	9822.60	539064.00
	Basic Rate	9095.00							
	Add Area Weightage 8%	727.60							
	Total	9822.60							
5	Quality control Test Charges 1%								10000.00
6	Miscellaneous and UnforessenCharges								851.00
								Total	1000000.00

(Rupees.Ten Lakhs Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2015-16
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ಸಂ. EE/DD/AS/16/2015-16 ದಿನಾಂಕ : 04/1/2016
ರೂ. 10.00 Lakhs (Rupees ten lakhs only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ಸಂ. EE/DD/TS/16/2015-16 ದಿನಾಂಕ : 04/1/2016
ರೂ. 10.00 Lakhs (Rupees ten lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
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